

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

# WORKMAN NYDEGGER

ATTORNEYS AT LAW

A PROFESSIONAL CORPORATION

1000 EAGLE GATE TOWER

60 EAST SOUTH TEMPLE

SALT LAKE CITY, UTAH 84111

TELEPHONE (801) 533-9800

FACSIMILE (801) 328-1707



RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSINICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. VEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE†  
STERLING A. BRENNAN†  
GREGORY M. TAYLOR  
DAVID B. DELLENBACH  
R. BURNS ISRAELSEN  
DAVID R. TODD  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED

R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
ERIC M. KAMERATH  
ROBERT E. AYCOCK  
JENS C. JENKINS  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
MICHAEL B. DODD  
WILLIAM R. RICHTER  
RYAN D. BENSON  
SARA D. JONES  
TIGE KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDHAM  
MICHAEL J. FRODSHAM  
JOSEPH L. KRUPA  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW  
WESLEY C. ROSANDER  
ANDREW S. HANSEN  
CHAD E. NYDEGGER  
JOSEPH G. PIA  
CLINTON E. DUKE

† ADMITTED ONLY IN CALIFORNIA

PATENTS

TRADEMARKS

COPYRIGHTS

TRADE SECRETS

UNFAIR COMPETITION

LICENSING

COMPLEX LITIGATION

MAILING ADDRESS:

P.O. BOX 45862

SALT LAKE CITY, UT 84145

INTERNET

HOME PAGE: <http://www.wnpatent.com>

GENERAL E-MAIL: [info@wnpatent.com](mailto:info@wnpatent.com)

## PATENT APPLICATION

Docket No. 13768.454

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Keith Ballinger, et al.

Serial No.:

10/645,375

Confirmation No.:

7425

Filing Date:

August 20, 2003

For:

CUSTOM SECURITY TOKENS

Customer No.:

022913

)  
)  
)  
)  
) Art Unit  
) 2855  
)  
)  
)  
)  
)  
)  
)

### REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Attached is a copy of the official Filing Receipt received from the United States Patent and Trademark Office in the above-identified application for which issuance of a corrected filing receipt is respectfully requested. There is an error in the "Applicant(s) portion of the Filing Receipt. Attached at Exhibits A and B is the following:

- 1) Exhibit A – Copy of the Declaration and Power of Attorney; and
- 2) Exhibit B – copy of Assignment.

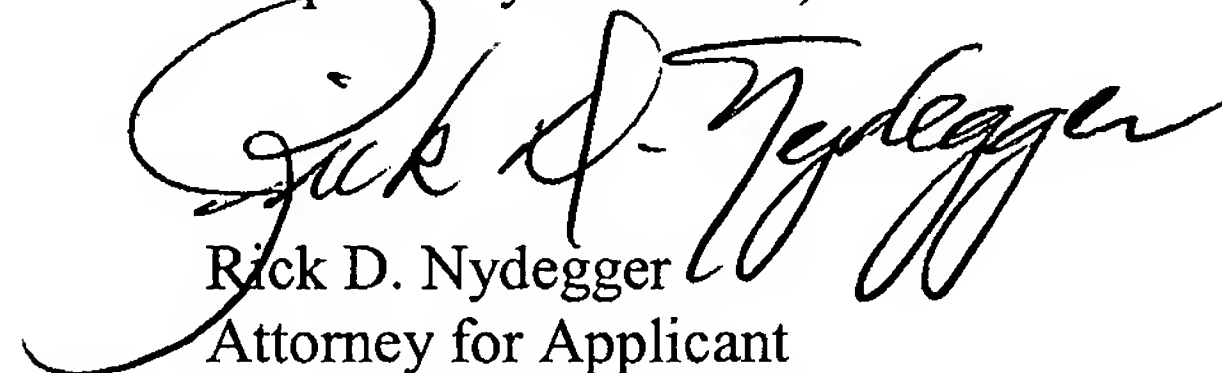
The Filing Receipt in a correct fashion should read as follows (correction markings to show correction requested):

Keith Ballinger, North Bend, WA;  
HongMei Ge, Issaquah, WA  
Hervey Wilson; Bellvue, WA  
Vick Mukherjee, Redmond, WA.

The correction is due to no error by applicant and thus no fee is required.

Dated this 16<sup>th</sup> day of December, 2003.

Respectfully submitted,



Rick D. Nydegger  
Attorney for Applicant  
Registration No. 28,651

RKN:kcs

W:\13768\426\KCS0000000505V001.doc



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/645,375	08/20/2003	2855	1032	13768.454	7	31	4

RICK D. NYDEGGER  
 WORKMAN NYDEGGER  
 1000 Eagle Gate Tower  
 60 East South Temple  
 Salt Lake City, UT 84111

CONFIRMATION NO. 7425

## FILING RECEIPT



\*OC000000011283756\*

Date Mailed: 11/17/2003

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Keith Ballinger, North Bend, WA;

DOCKETED  
 Atty SR File # 11-20-03  
 Dy SR On 11-20-03  
 Action SR  
 Response Due SR

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 11/15/2003

Projected Publication Date: 02/24/2005

Non-Publication Request: No

Early Publication Request: No

## Title

Custom security tokens

## Preliminary Class

073

---

**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

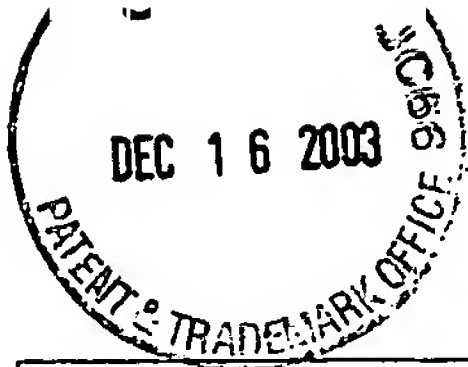
The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Keith Ballinger, et al.

Docket No.

13768.454

Serial No.  
10/645,375Filing Date  
August 20, 2003Confirmation No.  
7425Examiner  
UnassignedGroup Art Unit  
2855

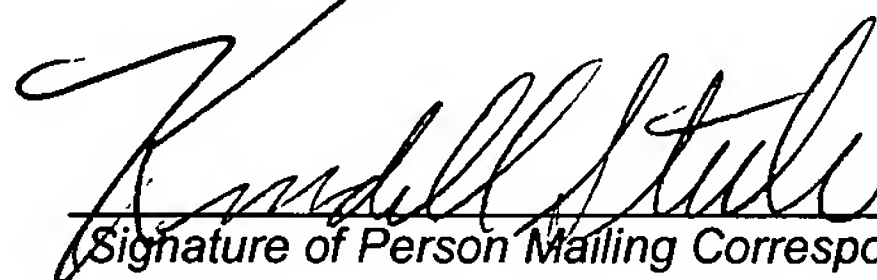
Invention: CUSTOM SECURITY TOKENS

I hereby certify that the Request for Corrected Filing Receipt (2 pgs), Copy of Official Filing Receipt and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 16, 2003.

Kendell Steele

---

(Typed or Printed Name of Person Mailing  
Correspondence)



---

(Signature of Person Mailing Correspondence)

**EV 329 632 903 US**

---

("Express Mail" Mailing Label Number)

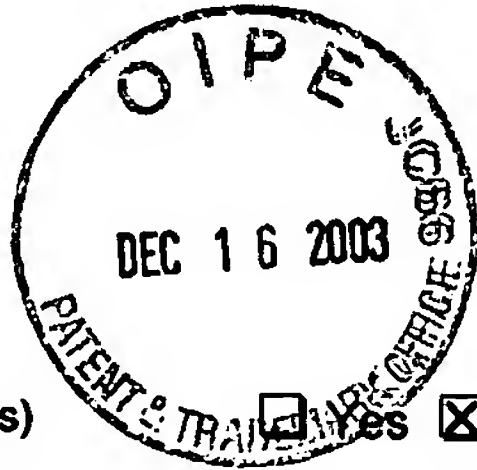
W:\13768\426\KCS0000000507V001.doc

**PATENTS ONLY**

Tab settings → → → ▼ ▼ ▼ ▼ ▼ ▼ ▼ ▼

To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Keith Ballinger  
H ngMei Ge  
Hervey Oliver Wilson  
Vick Bhaskar Mukherjee

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 19, 2003 & August 20, 2003

## 2. Name and address of receiving party(ies):

Name: Microsoft Corporation

Internal Address: \_\_\_\_\_

Street Address: One Microsoft WayCity: Redmond State: WA ZIP: 98052Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: August 20, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: RICK D. NYDEGGER

Internal Address: \_\_\_\_\_

Street Address: Workman Nydegger1000 Eagle Gate Tower, 60 East South TempleCity: Salt Lake City State: UT ZIP: 84111

## 6. Total number of applications and patents involved:

**1**7. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

23-3178

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Michael J. Frodsham

Name of Person Signing

Signature

August 20, 2003

Date

Total number of pages including cover sheet, attachments, and document: **7**

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventorship ..... Keith Ballinger, et al.  
Applicant ..... Microsoft Corporation  
Attorney's Docket No. .... 13768.454  
MS Docket No. .... 305758.01  
Title: CUSTOM SECURITY TOKENS

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignor(s):**

Keith Ballinger  
16608 423<sup>rd</sup> Place SE  
North Bend, Washington 98045

HongMei Ge  
1784 12<sup>th</sup> Avenue, NE  
Issaquah, Washington 98029

Hervey Oliver Wilson  
3314 142<sup>nd</sup> Place NE  
Bellevue, Washington 98007

Vick Bhaskar Mukherjee  
17756 NE 90<sup>th</sup> Street #M-365  
Redmond, Washington 98052

**Assignee:**

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "CUSTOM SECURITY TOKENS", as described and claimed in the specification forming part of an application for United States letters patent referenced above;

WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in



Atto. Docket No. 13768.454  
MS Docket No. 305758.01

and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

Att. by Docket No. 13768.454  
MS Docket No. 305758.01

8/19/03  
Date

  
Keith Ballinger

orney Docket No. 13768.454  
MS Docket N . 305758.01

08/19/03  
Date

HongMei Ge  
HongMei Ge

Atty Docket No. 13768.454  
MS Docket No. 305738.01

8/28/2003  
Date

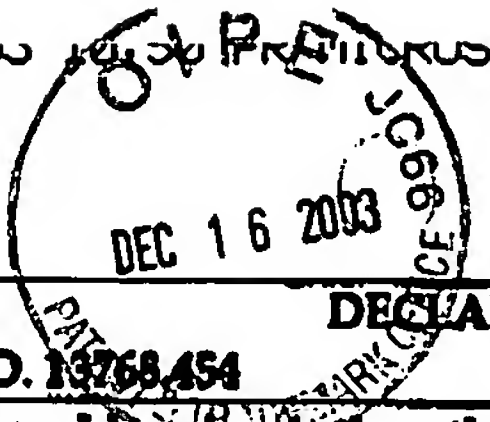
Harvey Oliver Wilson  
Harvey Oliver Wilson

Atto  Docket No. 13768.454  
MS Docket No. 305758.01

8/19/2003

Date

  
Vick Bhaskar Mukherjee



**PATENT APPLICATION**

**DECLARATION AND POWER OF ATTORNEY**

**ATTORNEY DOCKET NO. 13768.454**

**MS DOCKET NO. 305758.01**

As a below named inventor, I hereby declare that:

My residence/post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **CUSTOM SECURITY TOKENS**

the specification of which is filed herewith unless the following box is checked:

☐ was filed on \_\_\_\_\_ as US Application Serial No. or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understood the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

**Foreign Application(s) and/or Claim of Foreign Priority**

I hereby claim foreign priority benefits under Title 35, United States Code Section 119 of any foreign application(s) for patent or inventor(s) certificate listed below and have also identified below any foreign application for patent or inventor(s) certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NUMBER	DATE FILED	PRIORITY CLAIMED UNDER 35 U.S.C. 119
			YES:____ NO:____
			YES:____ NO:____

**POWER OF ATTORNEY:**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) listed below and those associated with

Customer No. **022913**

to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

David Bartley Eppenauer Reg. No. 35499	Martin L. Shively Reg. No. 33553	Ronald O. Zink Reg. No. 35744	Patricia E. Barnes Reg. No. 37038
Stacy Quan Reg. No. 33760	Jeffrey L. Ranck Reg. No. 38590	Michael W. Bocianowski Reg. No. 28692	John Wercsh Reg. No. 32322

**Send Correspondence to:**

**RICK D. NYDEGGER**  
**WORKMAN NYDEGGER**  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

**Direct Telephone Calls To:**

**RICK D. NYDEGGER**  
Telephone: (801) 533-9800  
Facsimile: (801) 328-1707

## DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. 15768.454

MS DOCKET NO. 305758.01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Keith Ballinger

Citizenship: United States

Residence: 16608 429<sup>th</sup> Place SE  
North Bend, Washington 98045

Post Office Address:

  
\_\_\_\_\_  
Inventor's Signature

8/19/03  
\_\_\_\_\_  
Date



## DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. 13768.454

MS DOCKET NO. 305758.01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: HongMei Ge

Citizenship: P.R. China

Residence: 1784 12<sup>th</sup> Avenue, NE  
Issaquah, Washington 98029

Post Office Address:



Inventor's Signature

08/19/03

Date

## DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. 13768.454

MS DOCKET NO. 305758.01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application for any patent issued thereon.

Full Name of Inventor: Hervey Oliver Wilson

Citizenship: United Kingdom

Residence: 3314 142<sup>nd</sup> Place NE  
Bellevue, Washington 98007

Post Office Address:

Inventor's Signature

Date

8/20/2003

## DECLARATION AND POWER OF ATTORNEY

ATTORNEY DOCKET NO. 13768.454

MS DOCKET NO. 305758.01

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: Vick Bhaskar Mukherjee

Citizenship: United States

Residence: 17756 NE 90<sup>th</sup> Street #M-365  
Redmond, Washington 98052

Post Office Address:



Inventor's Signature

8/19/2003

Date